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ABSTRACT

This directory lists 81 organizations that can provide information regarding literature, bibliographies, and other resources relating to various topics of science, technology, and values. Courses offered by colleges and universities are not included. All entries are classified to areas of interest such as: health sciences, religion, future studies, environment, and energy. (SL)

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A DIRECTORY OF RESOURCES IN SCIENCE, TECHNOLOGY AND VALUES

Compiled by Kathryn Rucker

April 1976

Bishops' Committee for Human Values
National Conference of Catholic Bishops
1312 Massachusetts Avenue, N.W.
Washington, D.C. 20005

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INTRODUCTION

This directory has been compiled as a resource tool for persons wishing information on various topics of science and values or wanting to identify local programs in those fields.

It is intended to serve only as a starting point, to direct concerned individuals to organizations sharing their interests. Those organizations, in turn, can provide additional information regarding literature, bibliographies and other resources.

Requests for information were sent to approximately 175 organizations either known to us, recommended by other organizations or mentioned in the literature. Of those responding, 81 have been listed in this directory.

Included are groups which are currently involved in the consideration of the ethical and human value implications of advances in science and technology. Also included are a number of organizations which do not explicitly address the value implications but which provide necessary information through research and publications.

In order to avoid duplication, this directory does not include the many college and universities offering courses and/or degree programs in the area of science, technology and values. University-related centers listed herein are only those centers which constitute entities in their own right. We have not included those programs devoted primarily to teaching. Users seeking information on courses or degree programs are referred to the following directories:

"A Listing of Courses and Programs in the Field of Ethical and Human Values Implications of Science and Technology," Program on Science, Technology and Society, Cornell University, 1975.

"A Survey of Programs in Technology and Human Affairs in American Universities," Center for Policy Alternatives, Massachusetts Institute of Technology, December 1974.

"Human Values Teaching Programs for Health Professionals," Society for Health and Human Values, Philadelphia 1974.

The entries are taken directly from the information received from the organizations themselves. In general, only those interests and activities pertinent to this directory have been included. In a few cases, organizations not responding have been included because of their importance in their field.

Entries have been classified according to areas of interest. Organizations with interests of a general nature, or with interests falling into more than one specific category, have been listed under the category Science, Technology and Society: General. Organizations with concerns focusing on a particular issue or topic have been grouped into the following categories: Science, Technology and Society: Bioethics-Health Sciences, Religion and Science/ Medicine, Futures Studies; and Environment: General, Nuclear Energy.

This directory, while intended for use by the general public, conforms to the needs and concerns of the Bishops' Committee for Human Values. As such, it may not meet the specialized needs of all users. We have tried to be as comprehensive as possible given time and personnel constraints.

Inclusion of an organization does not, of course, signify BCHV approval of the aims or policies of the organization.

American Association for the Advancement of Science (AAAS)
1776 Massachusetts Avenue, N.W.
Washington, D.C. 20036
202/467-4400
Executive Officer: William D. Carey

AAAS provides a means for interdisciplinary exchange of ideas and sustained, responsible public discussion of the chief contemporary issues created by the complex and changing relations among science, technology and society. AAAS seeks to promote public understanding of science.

ACTIVITIES: Annual meetings (including panel discussions, general symposia, reviews and lectures). Special activities have been concerned with science in the promotion of human welfare, American values and models of human habitation, and the role of scientific societies with regard to issues for scientific freedom and responsibility. Conducts seminars on various topics.

PUBLICATIONS: Science, a weekly magazine; audiotapes; Science Books and Films, a periodical devoted to the critical review and evaluation of science books and films for students and nonspecialist adults; symposium volumes; books.

American Enterprise Institute for Public Policy Research (AEI)
1150 17th Street, N.W.
Washington, D.C. 20036
202/296-5616
President: William J. Baroody

The American Enterprise Institute, established in 1943, is a publicly supported, nonpartisan research and educational organization. Its purpose is to assist policymakers, scholars, businessmen, the press and the public by providing objective analysis of national and international issues.

AREAS OF CONCERN: Included in a variety of political and economic issues with which AEI is concerned are energy, health policy, resource and land use.

ACTIVITIES: Commissions scholars to undertake original research. Sponsors conferences, debates, round table discussions, and other forums. Prepares analyses of issues for the high school national debates. AEI also has established centers for public policy research materials in cooperation with college and university libraries across the country.

PUBLICATIONS: Legislative analyses of proposals before Congress; studies and monographs by scholars. Makes proceedings available for wide public dissemination on TV, radio, newspapers, periodicals and scholarly journals.

Aspen Institute for Humanistic Studies
Program in Science, Technology and Humanism
P.O. Box 3000
Boulder, Colorado 80303
303/494-5151
Director: Walter Orr Roberts

The goal of the Aspen Institute is to help in attainment, within this century, of wise and just management of the planet's resources, intellectual and material, and through this, a vast improvement of the human condition. Thus the Program aims for illumination of the options open to human societies as they make use of the new products of science and technology, and for clarification of the probable consequences of alternative courses of action.

AREAS OF CONCERN: Current focus is on the issues of food and climate change; other issues of interest include human settlements, implications of enzyme technology, energy, human nutrition.

ACTIVITIES: Action-oriented. Functions primarily through seminars, workshops, commissioned studies and consultations.

PUBLICATIONS: Proceedings, reports, materials for the general public which are disseminated and debated through educational institutions, televison, radio and the press.

Battelle Memorial Institute
505 King Avenue
Columbus, Ohio 43201
614/424-6424

Battelle is a multinational, public-purpose research organization working in the physical, life and behavioral/social sciences. A major objective is the benefit of mankind by the advancement and utilization of science through technological innovation and educational activities. Consists of some six thousand scientists, engineers and supporting personnel in research centers and offices throughout the world.

AREAS OF CONCERN: Environment, energy, community life, food and agriculture, biomedical engineering technology.

ACTIVITIES: Basic and applied research for industrial companies, government agencies and associations. Projects include economic development planning, experimental housing projects, resource development and environmental studies, educational support.

PUBLISHES: Papers and monographs.

Bishops' Committee for Human Values (BCHV)
National Conference of Catholic Bishops
1312 Massachusetts Avenue, N.W.
Washington, D.C. 20005
202/659-6745
Executive Director: Sister Ann Neale, GNSH, Ph.D.

The BCHV was established to advise the Bishops on developments in science and technology, especially in their ethical implications, and to serve as a catalyst for dialogue between the Church and the scientific community in order to insure the consideration of human values in the applications of science and technology. It functions as an information center, a listening post and a source of input in the quest for responsible use of scientific and technological capability.

AREAS OF CONCERN: Biomedical topics such as genetic engineering, recombinant DNA, death and dying, experimentation with children/fetuses/prisoners/mentally deficient; occupational hazards, environmental concerns, energy policy, nuclear energy and non-nuclear alternatives.

ACTIVITIES: Gathering reliable information and dissemination of that information, monitoring government activities, participation in public meetings.

Center for Law and Social Policy
1751 N Street, N.W.
Washington, D.C. 20036
202/872-0670
Director: Joseph N. Onek

A group of public-interest lawyers which conducts litigation on behalf of or in cooperation with other public-interest or environmentalist groups. Interests include export of nuclear power plants and fuels, expansion of enrichment capacity, health, human experimentation, environment and consumer problems.

Center for Policy Research
475 Riverside Drive
New York, N.Y. 10027
212/870-2180
Director: Amitai Etzioni, Ph.D.

The Center provides the intellectual environment and the facilities for social research dealing with issues of public policy. The chief aim is to serve policymaking bodies, public and private. A nonprofit, tax-exempt corporation financed by government and foundation support.

(continued)

Center for Policy Research (continued)

AREAS OF CONCERN: Health and society, bioethics research, attitudes toward anmiocentesis; and science and technology, participatory technology, shortcuts to social change.

ACTIVITIES: Engages in policy research; conducts evaluative studies; provides consulting services on policy matters; helps develop the technologies that may be required for the implementation of social policies; educational activities.

PUBLICATIONS: Reports, papers.

Center for Science in the Public Interest (CSPI)
1757 S Street, N.W.
Washington, D.C. 20009
202/332-4250
Co-Directors: Albert Fritsch, Michael Jacobson, James Sullivan

CSPI hopes to insure that technology and government will work for the benefit of the public and toward an improved quality of life, by informing the public of consumer and environmental issues, assisting in solutions of related problems, and keeping watch over government and corporate activity. Founded in 1971, it is nonprofit, tax-exempt, and funded by donations, foundation grants and sales of publications.

AREAS OF CONCERN: Energy, environmental protection, consumer and occupational safety, health and nutrition.

ACTIVITIES: CSPI collects and disseminates information and initiates action on issues of public interest. Does not lobby, but seeks to influence government and industrial decision-making through reports, testimony, lawsuits, petitions and participation on federal advisory committees.

PUBLICATIONS: Books, reports, newsletters.

Center for the Study of Social Policy
Stanford Research Institute (SRI)
Menlo Park, California 94025
415/326-6200

The Center is a group within the Urban and Social Systems Division of SRI consisting of two parts: the Educational Policy Research Center and the Futures Policy Research Center. The Center conducts policy analysis to determine the impact of major societal problems and emerging trends in a variety of areas. The purpose is to assist government and business leaders in their assessment and formulation of policies that will simultaneously address current needs and help direct the nation's institutions toward a workable, high quality future. SRI is an independent, nonprofit organization.

(continued)

Center for the Study of Social Policy (continued)

AREAS OF CONCERN: Technological innovation and assessment, energy-environment-economic interactions, health, transportation, pesticides use, religions.

ACTIVITIES: Research.

PUBLICATIONS: Research reports, memoranda, notes, project reports.

Center for the Study of the Human Dimensions of Science and Technology (HDC - Human Dimensions Center)
School of Humanities and Social Sciences
Rensselaer Polytechnic Institute
West Hall, Room 203
Troy, New York 12181
518/270-6574
Director: John M. Koller

The basic purpose of the Center is to increase understanding of the human dimensions of science and technology and the social and cultural impact science and technology have on society. Primary objectives are: development of courses and programs of study; new research and aimed at illuminating the human dimensions of science and technology; and making available to the public information and understanding achieved in this area.

AREAS OF CONCERN: Topics such as energy and values; science, technology and human values in India; values and creativity in science.

ACTIVITIES: Curriculum development; research. Symposia on energy and values have been organized; seminars were held on the ethical and cognitive implications of science and technology.

PUBLICATIONS: Reports on research activity may be obtained upon request. Selected anthologies are being compiled for publication.

Center for Technology Assessment
N.J. Institute of Technology
323 High Street
Newark, N.J. 07102
201/645-5195
Director: Dr. Sandford L. Bordman

The Center was founded in the belief that it is imperative to anticipate the harmful, as well as the beneficial, side effects of developing technology if we are to progress. Areas of expertise include technology assessment, cost-benefits analysis, environmental impact analyses, forecasting, evaluations, systems science. (continued)

Center for Technology Assessment (continued)

AREAS OF CONCERN: Water resources, energy systems, transportation systems, behavioral studies and social policy studies.

ACTIVITIES: Development of more advanced methodology for the discipline of technology assessment; research; a program of education directed to various groups within society; consultation to industry, government and community; programs of international exchange at both student and expert level; conferences.

PUBLICATIONS: News releases, other publications.

Center of Concern
3700 13th Street, N.E.
Washington, D.C. 20017
202/635-2757
Program Director: William Ryan, S.J.

The Center's main thrust is analysis and advocacy on issues of global social justice, with four underlying purposes: inclusion of the voice of the Third World in policy discussions in North America; linkage of domestic and global issues to show the existence of a single problematic of justice; utilization of an open interdisciplinary approach; integration of commitment to social change with spiritual resources. Established in 1971 by the Jesuits.

AREAS OF CONCERN: The social and justice dimensions of the call in the United Nations for a "New International Economic Order," the role of women in society and church, and alternatives to existing social and political structures.

ACTIVITIES: Seeks to educate through writing, consultancy, workshops, lectures and short courses; participates in U.N./U.S. government/church activities; assesses drafts of key U.N. and State Department documents; serves as a value resource center for church and secular groups.

Committee on Chemistry and Public Affairs
American Chemical Society (ACS)
1155 Sixteenth Street, N.W.
Washington, D.C. 20036
202/872-4600
Director: Dr. Stephen T. Quigley

The Committee provides a coordinating mechanism whereby the Society as an organization can more effectively contribute to the solution of the public policy problems related to chemistry.

(continued)

Committee on Chemistry and Public Affairs (continued)

AREAS OF CONCERN: Chemical and biological weapons in warfare, employee exposure to vinyl chloride and its link to liver cancer, management of national science and technology policy, energy, the environment and material resources.

ACTIVITIES: Statements and communications to the President, Congress and other federal officials; testimony; legislative counselor programs; study programs on public issues; technical or socio-economic-education action programs; advisory and supportive programs for other ACS units, public affairs symposia, fellowship programs.

PUBLICATIONS: Newsletters to alert ACS officials of pertinent hearings and legislation.

Federation of American Scientists (FAS)
307 Massachusetts Avenue, N.E.
Washington, D.C. 20002
202/546-3300
Director: Jeremy J. Stone

FAS, originally organized in 1964 for the purpose of legislative lobbying to help ensure civilian control of atomic energy, continues to serve as a public interest scientific lobby. FAS seeks to inject into government those facts and conclusions upon which there is wide consensus in the scientific community.

AREAS OF CONCERN: Include energy policy, world food production, privacy of communications, occupational health and nuclear weapons proliferation.

ACTIVITIES: Seeks to influence government activity through lobbying, reports, and public protests.

PUBLISHES: FAS Public Interest Report, a newsletter which is distributed to members of Congress and FAS members.

Institute for Policy Studies (IPS)
1901 Que Street, N.W.
Washington, D.C. 20009
202/234-9382
Co-Directors: Richard J. Barnet, Marcus G. Baskin

IPS was established in 1963 as a place for thought which was outside and independent of government and based on the premise that social theory must be informed by, as well as inform, social action. Supported by foundation grants and a group of colleges and universities.

(continued)

Institute for Policy Studies (continued)

AREAS OF CONCERN are widespread: the structure of knowledge, changes in sexuality and the family, the power of multinational corporations, health policy, the energy crisis.

ACTIVITIES: Research; writing; seminars for students, government officials and members of Congress. Three major projects are the Enclclopedia of Social Reconstruction: Plans and Practice for a New Society; the Student (Ph.D.) Program; and the Transnational Institute.

The TRANSNATIONAL INSTITUTE, organized in 1973, reflects a growing realization that the social and political problems of the United States - pollution, the energy crisis, economic injustice - are in fact part of larger global problems and that practical alternative solutions to American situations can only be developed within a global context. Founded in Amsterdam to hold conferences and promote research on themes of transnational importance. A major focus is the impact of the developed countries on the Third World. PUBLISHES newsletters.

National Academy of Sciences (NAS)
2101 Constitution Avenue, N.W.
Washington, D.C. 20418
Office of Information: 202/389-6518

The NATIONAL ACADEMY OF SCIENCES is a private membership society of distinguished scholars in scientific and engineering research, dedicated to the furtherance of science and its use for the general welfare. It serves as an official, but independent, advisor to the federal government on scientific matters.

The NATIONAL ACADEMY OF ENGINEERING is a parallel organization of distinguished engineers which shares with the NAS its responsibility for advising the federal government.

The INSTITUTE OF MEDICINE (IOM) was chartered by NAS to deal with problems associated with the delivery of adequate health services to all sectors of society. It conducts studies of policy issues related to health and medicine; issues position statements on these issues for public consideration; and disseminates information to the public and relevant professions.

The NATIONAL RESEARCH COUNCIL (NRC): Almost all activiites of both Academies in furtherance of science and technology and in carrying out their advisory responsibilities are located in the NRC. It consists of four Assemblies (including the Assembly of Life Science, with Divisions of Biological Sciences and Medical Sciences) and four interdisciplinary Commissions (including the Commission on Natural Resources, with Boards on energy, environmental studies).

(continued)

National Academy of Sciences (continued)

PLEASE NOTE: While NAS does not wish to be considered an information source, its policies do call for the public accessibility of information generated in its study activities, as well as for public sessions early in the course of studies dealing with major public policy issues and access to the records of study committees of the NRC at the conclusion of the study. Recent examples of NAS activities involving public participation: NAS held a "Series of Forums in a Bicentennial Context," a series of public meetings examining such topics as scientific theories and social values, the citizen and the expert; NRC is holding a series of public meetings in preparation for a study of ways to meet the nation's energy needs.

NAS PUBLISHES a monthly News Report which contains articles on current concerns and activities and a listing of new publications. A publications catalog is also available.

National Conference of State Legislatures (NCSL)
Human Rights Task Force
1150 17th Street, N.W.
Washington, D.C. 20036
202/785-8830
Special Assistant: Dick Merritt

NCSL is based on the premise that states must survive as an integral part of the federal system. In order for state sovereignty to be maintained the NCSL provides a constant presence and exposure of the state legislatures before Congress and federal agencies. The Task Force exists for the purpose of analyzing issues of state-federal concern in the human resources area and presenting policy recommendations to the full Intergovernmental Relations Committee of NCSL. It seeks to become more involved in examining those areas where traditional state authority is being invaded, as well as come to a consensus about those areas of policy where perhaps states really should not play a role.

AREAS OF CONCERN: Medical malpractice, health manpower, national health insurance, "right to die," rights of the mentally ill and aging.

In meetings the Task Force and its subcommittees consider these issues and the proposed legislation concerning them.

National Conference of State Legislatures (NCSL)
Science and Technology Committee
1405 Curtis Street
23rd Floor
Denver, Colorado 80202
303/623-6600

The following subcommittees may be of interest:

Energy; Representative Thomas J. Anderson, Michigan, Chairman.
S/T Information Services; Delegate Hugh Nichols, Maryland, Chairman.
Environmental Management; Representative Bruce Morris, Connecticut, Chairman.
Medical Health, Occupational Health and Related Technologies; Albert J. Abrams, New York, Chairman.

National Council for Public Assessment of Technology (NC/PAT)
1785 Massachusetts Avenue, N.W.
Room 212
Washington, D.C. 20036
202/462-3338
Chairman: Byron Kennard

NC/PAT, a nonprofit, tax-exempt research and educational organization, was formed to meet the need for an institutionalized means of alerting and informing concerned voluntary organizations of new technologies and applications, and to facilitate public participation in all aspects of technology assessment. NC/PAT, which views technology as an essentially normative process involving issues of value preference and social choice, evolved over the last two years from an informal coalition of citizen and consumer groups.

AREAS OF CONCERN: Housing, health, transportation, privacy, energy, employment, social and environmental protection.

ACTIVITIES: Preparation and circulation of a criteria to be used as a basis for collection of social data and for recognition of social values in science policy; spreading the word about technology assessment by preparation of a "Background Statement on Technology Assessment for Citizens and Consumer Leaders," by briefing public interest leaders on the emergence of technology assessment in Congress; promoting participation of citizen generalists on science policy boards and panels; researching models of public participation in technology assessment and environmental impact analysis; building and facilitating a "soft" technology network to bring civic and consumer leaders and technological innovators into some partnership and to facilitate exchange of information and data.

PUBLICATIONS: Booklets and other materials relating to technology assessment.

National Science Foundation (NSF)
Washington, D.C. 20550
202/655-4000
Director: H. Guyford Stever

An independent federal agency created to help people find, exchange and teach scientific knowledge, as well as to search for ways to apply scientific knowledge to help solve national problems and to strengthen technological innovation. NSF is guided by policy set by the National Science Board, a group of twenty-five appointed by the President with the consent of the Senate.

NSF is primarily a funding organization. The following programs may have publications of interest: Research Applied to National Needs (RANN) - Energy Program; Public Understanding of Science; Ethical and Human Values Implications of Science and Technology (EHVIST), administered jointly by NSF and the National Endowment for the Humanities; Directorate for Scientific, Technological and International Affairs.

Office of Technology Assessment (OTA)
Congress of the United States
Washington, D.C. 20510
202/224-0731
Director: Emilio Q. Daddario

Technology Assessment Board -
Chairman: Olin E. Teague, Texas
Vice Chairman: Clifford P. Case, N.J.

The OTA was established in 1969 as an advisory arm of the U.S. Congress. Its basic function is to help legislative policymakers anticipate and plan for the consequences of technological changes and to examine the many ways, expected and unexpected, in which technology affects people's lives. OTA provides Congress independent and timely information about the potential effects and side effects--both beneficial and harmful--of technological applications. Public participation in the technology assessment process is an important OTA objective. OTA consists of a non-partisan Congressional policy Board which sets the policies and is the sole oversight body governing OTA, an OTA Director, and a Citizens' Advisory Board.

AREAS OF CONCERN: The six priority areas identified by the Congressional Board are oceans, transportation, energy, materials, food and health.

ACTIVITIES: Studies as requested by Congress or the OTA Director; organizes and conducts regional hearings and meetings with citizen groups; structuring of expert panels to address specific questions.

Overseas Development Council (ODC)
1717 Massachusetts Avenue, N.W.
Suite 501
Washington, D.C. 20036
202/234-8701
Chairman: Theodore M. Hesburgh, C.S.C.

ODC is an independent, nonprofit organization established in 1969 to increase American understanding of the economic and social problems confronting the developing countries and of the importance of these countries to the United States in an increasingly independent world.

AREAS OF CONCERN: Interdependence, energy, developing countries in a changing international economic order, triage and other challenges to the morality of development assistance.

ACTIVITIES: Promotes consideration of development issues by the American public, policymakers, specialists, educators, and the media through research, conferences, briefings and seminars; survey of American attitudes on development issues; liaison work with a range of citizens' public affairs organizations. Sponsored an interreligious consultation on global justice and development, and "Transnational Dialogues."

PUBLICATIONS: Books, shorter studies, development papers, agendas for action, articles.

Program on Policies for Science and Technology in Developing Nations (PPSTDN)
Cornell University
Ithaca, New York 14850
Director: Edmund T. Cranch, Dean, College of Engineering

This program was established to enable Cornell to develop institutional strength in the area of policies for science and technology in developing nations.

AREAS OF CONCERN: Science and technology policy issues such as agricultural production, particularly food processing; regional development; education; natural resource management.

ACTIVITIES: Development of relevant courses; sponsors seminars, conferences and symposia; research; professional service in the area of science and technology policy.

PUBLICATIONS: Teaching and research materials; reports and monographs.

Program on Public Conceptions of Science
Harvard University
358 Jefferson Physical Laboratory
Cambridge, Massachusetts 02138
Executive Director: Vivien Shelanski, Ph.D.

The purpose of the program is to promote interdisciplinary and interinstitutional research devoted to understanding the nature and origins of the conceptions of science and technology held by various key segments of the public. Much of its work has involved an investigation of the role played by the public's perception of scientific ethics in its evaluations of science and scientists.

ACTIVITIES: Research; faculty and student seminars; symposia and workshops.

PUBLICATIONS: Newsletter (quarterly) which includes select annotated bibliographies. Newsletter #8, June 1974, includes a preliminary directory of groups active in areas related to the ethical and human value implications of science and technology.

Program on Science, Technology and Society (STS)
Cornell University
614 Clark Hall
Ithaca, New York 14850
607/256-3810
Director: Raymond Bowers

The STS program was established in 1969 to stimulate interdisciplinary teaching and research on the interaction of science and technology with society.

AREAS OF CONCERN: Public policies for science and technology; legal and moral implications of biology and modern scientific medicine; technology assessment; arms control, disarmament and national defense policy; sociology of science; science, technology and the law; informed consent in biomedical research; energy.

ACTIVITIES: Teaching and curriculum innovation. Research, including development of instructional materials, particularly case studies. STS seeks to broaden public understanding of these issues through public lectures, films and tapes (including radio and television programs, special workshops and study groups.

PUBLICATIONS: Books, articles, monographs, occasional papers. In progress is a study, based on a nationwide survey of all two- and four- year colleges and universities assessing current teaching and research activities in the STS area. This study will result in publications of a comprehensive national guide to the field of STS.

Science and Public Affairs Program
Pennsylvania State University
Materials Research Laboratory
University Park, Pennsylvania 16802
814/865-3424
Coordinator: Ernest M. Hawk

ACTIVITIES: Sponsors conferences and workshops on topics such as resources and technology, the relevance of science for practical theology, technology and society on the campus. Production of a film interpreting the operation of a governor's science advisory committee.

PEOJECT INPUT (INcreasing Public Understanding of Technology), supported by the Science and Public Affairs Office and the National Science Foundation, is an attempt to stimulate the engineering community to become actively involved in efforts to increase the public's understanding of technology and engineering; to determine what is presently being done and rationally order and classify all this information; and to provide access to models and materials for all those who wish to become involved or increase their effectiveness, in INPUT. Sponsors workshops on technology and society courses; publishes a newsletter.

*SESPA/Science for the People (SftP)
16 Union Square
Somerville, Massachusetts 02143
617/776-1058

*Scientists and Engineers for Social and Political Action

This group is a loosely knit organization of scientists, engineers, students, who believe, in general, that the dehumanization and alienation of people is part of a social order of exploitation and that science is used to develop the technological and ideological tools needed by those in power to maintain their power. SftP means recognizing the political nature of science; providing access for all people to useful knowledge; and organizing people in science to struggle along with other communities aiming for fundamental social change.

AREAS OF CONCERN: Science and society, health and nutrition, social control research, uses of computer technology, uses of genetic research and energy alternatives.

ACTIVITIES: SftP focuses on communicating with peers rather than lobbying, trying to interject important ideas into, and get involved in, people's daily concerns. Research; discussion and direct action. Past activities have included providing technical assistance to Third World groups, production of curriculum units, study groups.

PUBLICATIONS: Science for the People, a bimonthly magazine.

Over 40 LOCAL CHAPTERS have been organized.

Scientists' Institute for Public Information (SIPI)

30 East Sixty-eighth Street
New York, N.Y. 10021
212/249-3200
President: Alan McGowan

6052 Claremont Avenue
Oakland, California 94618
415/658-3628
Directors: Martin and Janet Brown

SIPI reflects concern for the special social responsibility of the scientist in today's society. Only a public which knows both the benefits and risks of present and proposed technologies can weigh these and make responsible choices about how science will be applied to their lives. This dependence of society on a scientifically literate citizenry places an obligation on the scientist to share socially important technical information with his fellow citizens, with the realization that once the evidence has been presented and its implications made clear, the citizenry as a whole must balance costs and benefits and alternatives and make the necessary social, moral and political decisions for the community. SIPI takes no official stand on particular issues, but seeks to serve as a clearinghouse for science information.

AREAS OF CONCERN: Workplace environment and occupational health; land use and pollution; energy options (conservation, nuclear energy, breeder reactors, solar energy); scientific aid to Indochina; use and abuse of science and technology in the U.S. criminal justice and intelligence systems.

ACTIVITIES: Task forces conduct studies; the Job Health News Service provides information on occupational health and safety to unions; dissemination of information; seminars for Congressmen; occasional workshops.

PUBLICATIONS: Energy environment teaching materials, reports, books and pamphlets, newsletters.

LOCAL CHAPTERS: SIPI also acts as national coordinator for local and affiliated science information committees across the nation. (See also: Committee for Environmental Information, under Environment: General)

Society for the History of Technology (SHOT)

Georgia Institute of Technology
Atlanta, Georgia 30332
404/894-3198
Director: Melvin Kranzberg

SHOT was founded in response to a growing need for systematic study of the development of technology and its impact on society and culture. It is composed of scholars in history, sociology, economics, the humanities, engineers and others. Its objectives are to promote the study of technological change, to increase public understanding of the significance of technology and its role in the development of civilization, and to encourage international cooperation and communication among scholars and technologists from many fields.

ACTIVITIES: Annual meetings, usually conducted jointly with the American Historical Association and the History of Science Society.

(continued)

Society for the History of Technology (continued)

PUBLICATIONS: Technology and Culture, a quarterly devoted to studies of the interaction between technological achievements and the cultures in which they are introduced and used; monograph series; reprints; annual bibliographies.

Society for Societal Responsibility in Science (SSRS)
902 Kline Biology Tower
Yale University
New Haven, Connecticut 06520
President: Dr. Arthur Galston, President

SSRS is a body of scientific workers organized to foster throughout the world a tradition of personal moral responsibility for the consequences to humanity of professional activity, with emphasis on constructive alternatives to militarism.

ACTIVITIES: Annual meetings; work on projects such as postwar construction in Vietnam; conferences.

PUBLICATIONS: Newsletter containing articles on topics such as energy, population, Third World development; proceedings.

United Nations - UNESCO

UNESCO (U.N. Educational, Scientific and Cultural Organization) programs involve development of a scientific information network, a social science data bank (DARE), assistance to developing countries, and the Man and Biosphere (MAB) program emphasizing a multidisciplinary and global approach to the interrelationships between man and his environment. Further information can be obtained from:

UNESCO
7 Place de Fontenoy
F. 57-700
Paris, France

United Nations Information Center
1028 Connecticut Avenue, N.W.
Suite 714
Washington, D.C. 20006
212/296-5370

U.S. National Commission for UNESCO
U.S. Department of State
Washington, D.C. 20520
202/632-2761 or 2804

United Nations - Division of Human Rights
United Nations Office at Geneva
Palais des Nations
Geneva, Switzerland
Director: Marc Schreiber

The U.N. organ primarily responsible for work in the area of human rights and scientific and technological development is the Commission on Human Rights, a political body under the Economic and Social Council. The Division of Human Rights, an office within the U.N. Secretariat, is responsible for carrying out directives of the Commission, preparing reports on agenda items of the Commission.

AREAS OF CONCERN: Computers and privacy; physical and intellectual integrity of human personality in light of advances in biology/medicine/biochemistry; in general, the balance which should be established between scientific and technological progress and the intellectual, spiritual, cultural and moral advancement of humanity.

PUBLICATIONS available include General Assembly and Commission resolutions, reports of the Secretary-General to the Commission, and other documents.

U.S. Congress
Washington, D.C. 20510
Capital Hill Operator: 202/224-3121

HOUSE OF REPRESENTATIVES:
Committee on Science and Technology (Teague, Texas)
Subcommittees: Space Science and Applications (Fuqua, Florida)
Science, Research and Technology (Symington, Missouri)
Domestic and International Scientific Planning and Analysis (Thornton, Arkansas)
Aviation and Transportation Research and Development (Milford, Texas)
Energy Research, Development and Demonstration (McCormack, Washington)
Energy Research, Development and Demonstration (Fossile Fuels) (Hechler, West Virginia)
The Environment and the Atmosphere (Brown, California)

See also: Office of Technology Assessment; Environmental Study Conference.

SENATE:
Committee on Labor and Public Welfare (Williams, New Jersey)
Subcommittees: Health (Kennedy, Massachusetts)
Human Resources (Cranston, California)

(continued)

U.S. Congress (continued)

See also: U.S. Congress under Environment. State legislatures also have committees dealing with science and technology (See: National Council of State Legislatures under Science, Technology and Society: General).

Worldwatch Institute
1776 Massachusetts Avenue, N.W.
Washington, D.C. 20036
202/452-1999
Director: Lester R. Brown

Worldwatch Institute is an independent, nonprofit research organization, created to identify and to focus attention on global problems. Funded by private foundations and the United Nations and governmental agencies that share concern for problems of the future.

AREAS OF CONCERN: Included are energy, food production.

ACTIVITIES: Research

PUBLICATIONS: Reports.

Science, Technology and Society: Bioethics - Health Sciences

Center for the Health Sciences
University of Tennessee
College of Community and Allied Health Professions
800 Madison Avenue
Memphis, Tennessee 38163
901/528-5686
Coordinator: David C. Thomasma, Ph.D.

The Center was established in 1973 to examine the value questions arising from new technology in medicine.

ACTIVITIES: Initial exposure to values issues for students in the colleges; clinical reinforcement; continuing and public education, including television programs, conferences, and the Values and Ethics Lecture Series.

PUBLICATIONS: Program participants publish articles and monographs.

Center for Law and Health Sciences (CLHS)
Boston University School of Law
209 Bay State Road
Boston, Massachusetts 02215
617/353-2910
Director: George J. Annas

The Center for Law and Health Sciences, the successor to the Law-Medicine Institute at Boston University, was formed in 1970. The Center sponsors programs in interdisciplinary research in the health field and provides occasional legal assistance in the public interest.

AREAS OF CONCERN: The regulation and planning of health services, the impact of science and technology on society, public policy issues related to the development and protection of children, patients' rights, rights of adolescents receiving mental health services, fetal research, privacy, confidentiality and nuclear energy.

ACTIVITIES: Educational programs (seminars and team research projects at the graduate level); research; public symposia. Members work on specific pieces of Massachusetts legislation in attempts to influence pratice and regulation of medicine and health care delivery. Legal information is also provided to a number of consumer groups. A library is being developed.

PUBLICATIONS: Books, articles, proceedings of symposia.

Committee on Philosophy and Medicine
American Philosophical Association
Office of the Chairman
Department of Philosophy
Brown University
Providence, Rhode Island 02902
Chairman: John Ladd

The purpose of the Committee is to provide a clearinghouse for exchange of ideas and information about activities, teaching and research, in the areas where philosophy and medicine intersect.

ACTIVITIES: Development of special programs for meetings of the American Philosophical Association.

PUBLICATIONS: An occasional newsletter which includes bibliographical and pedological information, lists of persons actively interested in philosophy and medicine, announcements of conferences, and other materials.

Health Policy Center
Georgetown University
Washington, D.C. 20057
202/625-3092
Director: Verne Horn

The Health Policy Center was created in 1975 to improve the quality of health policy made by state and local government; to improve the quality of health policymaking process; and to improve communications among health policymakers in state, local and federal governments. A small professional staff is assisted by consultants.

AREAS OF CONCERN: Medical malpractice, determination of health care issues, litigation and the mentally disabled, medicaid and related state health issues.

ACTIVITIES: Sponsors conferences; research. A Network of Correspondents provides reports summarizing proposed state legislation, judicial and executive activity, which enables the Center to anticipate state and local government needs, and to respond with information and analyses of specific issues.

PUBLICATIONS: Summaries of conferences, policy papers, reports, newsletter.

Health Policy Program
School of Medicine
University of California
San Francisco, California 94143
415/666-9000
Director: Philip R. Lee

The Program's primary purpose is to serve as an interdisciplinary resource group for health policy decision makers. One specific objective is to consider the problems of health care from the multiple points of view that exist in a complex society; another is to change the climate in which public decisions are made - from what has often been an adversary process to that of an educational process.

AREAS OF CONCERN: The program has focused on five major categories - primary health care, paying for medical care, regulation and planning, biomedical research, and bioethics and societal values.

ACTIVITIES: Policy studies, teaching and curriculum development, fellowships, conferences and seminars.

PUBLICATIONS: Contract reports, discussion papers, monographs.

The JOINT PROGRAM IN BIOETHICS of the Pacific School of Religion, Berkeley, and the School of Medicine, University of California at San Francisco (1366 Third Avenue, San Francisco, Ca., 415/666-1836) is affiliated with the Health Policy Program. The Joint Program provides a range of courses in ethical theory and current issues in bioethics, as well as occasional workshops, for teachers, clergy and health professionals. Publishes a newsletter.

The Institute of Society, Ethics and the Life Sciences (The Hastings Center)
360 Broadway
Hastings-on-Hudson, New York 10706
914/478-0500
Director: Daniel Callahan

The Institute was founded in 1969 with three purposes in mind: to advance and carry out research on ethical, social and legal issues emerging out of developments in medicine and biology; to stimulate and assist universities and professional schools in the development of teaching programs and courses in ethics and the life sciences; and to provide information and analysis to the general public, legislative and policy-making bodies. Research and education programs are carried out by resident staff at the Hastings Center (the central research and administrative unit of the Institute) and by elected Fellows and invited guests. Work is interdisciplinary, drawing particularly from the fields of medicine, biology, philosophy, law, the social sciences, history and theology.

(continued)

The Institute of Society, Ethics and the Life Sciences (continued)

AREAS OF CONCERN: Behavior control, death and dying, genetic counseling and engineering, population control, the humanities and public policy.

ACTIVITIES: Research. The Education Program produces reading packets of relevant materials for teachers and students, develops teaching aids for community adult education and religious organizations, and has plans for mass-circulation magazines and television. The Institute also provides consultation services, organizes conferences and workshops, develops bibliographies and other research tools.

PUBLICATIONS: The Hastings Center Report, a bimonthly journal; annual and select bibliographies, teaching materials.

The Joseph and Rose Kennedy Institute for the Study of Human Reproduction and Bioethics (The Kennedy Institute)
Center for Bioethics
Georgetown University
Washington, D.C. 20057
202/625-2371
Director, Kennedy Institute: Andre E. Hellegers, M.D.
Director, Center for Bioethics: LeRoy Walters, Ph.D.

The Center for Bioethics is one of three sections which make up the Kennedy Institute (the other two are the Center for Population Research, and the Laboratories for Reproductive Biology). It is an interdisciplinary research center which includes scholars from the humanities and the medical sciences.

AREAS OF CONCERN: Philosophy of biology and of medicine, concepts of health, technology assessment, professional-patient relationships, quality of life, health care, abortion, reproductive technologies, genetics, human experimentation, death and dying.

ACTIVITIES: The scholars' primary task is research. They also participate in colloquia, luncheon seminars, lectures and consultations with physicians and policymakers. Courses are taught at Georgetown University.

Three major projects are in progress at the Center:

1. The Center for Bioethics Library, a core reference library in bioethics, is perhaps the largest specialized collection of this sort. Intended to provide support for the work of resident scholars, it is also open for use by the public. The Library offers New Titles in Bioethics, a current-awareness service listing books, government documents, pamphlets, periodicals and audio-visual aids acquired. The Library works closely with the information retrieval project.

(continued)

The Joseph and Rose Kennedy Institute for the Study of Human Reproduction and Bioethics (continued)

2. The Information Retrieval Project is cataloguing all the research, books, articles, films and court cases on bioethical issues, and developing a computerized information retrieval system. The automated system will be capable of performing demand-searches by early 1977. The IR project is also responsible for the publication of the annual Bibliography of Bioethics. Volume One has been published (Gale Research, Detroit, 1975) and two more volumes are planned.

3. The Encyclopedia of Bioethics, a one-million word, two-volume work covering more than 350 topics, is also due for completion in 1977. The project, directed by Editor-in-Chief Warren T. Reich, will include contributions by leading scholars in ethics and medicine from throughout the world.

PUBLICATIONS: In addition to those publications listed above, the Institute publishes select bibliographies, occasional "bioethics backgrounders," and a quarterly report.

National Commission for the Protection of Human Subjects of Biomedical and Behavioral Research
Westwood Building, Room 125
5333 Westbard Avenue
Bethesda, Maryland 20016
301/496-7776
Public Information Officer: R. Anne Ballard

This Commission was established in 1974 to investigate the ethical principles underlying the participation of human subjects in biomedical and behavioral research and to make recommendations to the Secretary of the Department of Health, Education and Welfare and to Congress regarding the protection of such subjects.

AREAS OF CONCERN: The Commission is specifically mandated to study the following: Boundaries between research and treatment; use of risk/benefit criteria in determining the appropriateness of research; guidelines for the selection of human subjects; consent to participation in research by human subjects, including children, prisoners and the institutionalized mentally infirm; research on the living, human fetus; and the use of psychosurgery.

ACTIVITIES: Commission meetings, generally open to the public. The Commission is also to carry out a special study of the ethical social and legal implications of advances in biomedical research and technology.

PUBLICATIONS: Transcripts of meetings and records, reports and other documents.

National Legal Center for Bioethics
Box 24021
Washington, D.C. 20024
202/893-9921
Executive Director: Paul Andreini, M.D., J.D.

The National Legal Center for Bioethics aims to affect social policy in the emerging field of bioethics through diverse programs utilizing experts in law, medicine, ethics and other disciplines. Its objectives are to protect the poor, the powerless and the disadvantaged when their rights relative to bioethical issues appear to be jeopardized; to seek administrative and judicial remedies to important bioethical issues; to promote a social policy which will advance the welfare and insure the legal rights of all individuals whenever such interests are at issue as a result of the impact of physical, biological, sociological and technological changes within society; increase public awareness and understanding of societal implications of bioethical issues.

ACTIVITIES: Provides legal aid and assistance to needy individuals, provides legal research and resource material to affiliated attorneys throughout the country; research positions utilizing experts from relevant fields in order to aid government agencies and the courts in reaching ethically sound decisions, prepares position papers and briefs, and bioethical-impact statements; development of mass media education and community oriented programs. Plans call for symposia, seminars, and training programs to facilitate the understanding of bioethical issues among professionals. Will conduct in-depth research on socio-legal aspects of bioethics, and will make this research available to the public.

Society for Health and Human Values
723 Witherspoon Building
Philadelphia, Pennsylvania 19107
215/735-1551
Executive Director: Ronald W. McNeur, Ph.D.

An organization of members of the health profession, medical educators, students and ministers who are deeply concerned with increasing the sensitivity and awareness of health practitioners in the value questions which occur daily in medical and health care. It seeks to develop new understandings, concepts and programs in the relation of human values and medicine. The special focus of the Society is the education of medical and other health professionals.

ACTIVITIES: Annual meeting and lecture. Institute on Human Values in Medicine (see below). Supports special activities of other groups, including a study of medical school committees on human experimentation, an exploration of patient expectations concerning health care, and an examination of the role and status of women in medical education, work with national student organizations, ministers in medical education and humanities faculty in health center campuses. New projects include the co-sponsoring of symposium on philosophy and medicine. Provides information and resources upon request.

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Society for Health and Human Values (continued)

PUBLICATIONS: The annual Oration of the Society; Proceedings and Reports of the Institute; selected bibliographies; Notes, a monthly newsletter; Journal of Medicine and Philosophy, a quarterly; "Human Values Teaching Programs for Health Professionals" (April 1974).

INSTITUTE ON HUMAN VALUES IN MEDICINE, Edmund D. Pelligrino, M.D., Director. This project focuses on the structure and content of medical education. It seeks to deepen the relation of medicine and the humanities and thus enrich the capabilities and the contributions of these disciplines to each other and to society. The ultimate purpose of the Institute is to make medicine and the health professions integral elements in the culture of our times and more useful instruments of social and human purpose.

In order to disseminate information about the teaching of humanities in medicine, encourage new programs and provide a means of communication among existing programs, the Institute provides resource services in the form of regional conferences of medical educators, as well as individual or team consultants.

To promote dialogue between the disciplines the Institute invites groups of scholars to work over a period of two years on topics such as humanistic dimensions in social science in medical education, relations between history and medicine and literature and medicine. A Fellowship program provides opportunities for faculty and others to train in interdisciplinary work.

SEE ALSO: American Enterprise Institute for Public Policy Research
Center for Policy Research
Institute for Theological Encounter with Science and Technology
Pope John XXIII Medical-Moral Research and Education Center

Center for Advanced Study in Religion and Science (CASIRAS)
1100 East 55th Street
Chicago, Illinois 60615
312/667-3500 ext. 268
Secretary: Ralph W. Burhoe

CASIRAS is an independent incorporated institution interested in a synthesis of theology with science. Since 1970, it has developed an increasingly close affiliation and effective working relationship with the Chicago Cluster of Theological Schools.

ACTIVITIES: Teaching courses for Cluster students. A limited number of Fellows and Associates conduct research. Together with its affiliated membership society, the Institute on Religion in an Age of Science (IRAS), organizes conferences and symposia.

PUBLICATION: Zygon (with Institute on Religion in an Age of Science

Department of Medical-Moral Affairs
Catholic Hospital Association
1438 South Grand Blvd.
St. Louis, Missouri 63104
314/773-0646
Director: Kevin D. O'Rourke, O.P.

The Department of Medical-Moral Affairs serves as a resource to help people involved in the Catholic Health apostolate to understand more clearly the nature of the mission of healing and to have a deeper realization of their participation in this mission.

ACTIVITIES: Organizes education programs; helps individuals apply the Ethical and Religious directives to individual cases; studies the various medical moral problems associated with hospital and health care.

PUBLICATIONS: Articles aimed at explaining the theology of the health apostolate as a participation in the mission of Christ and the Church.

Institute for Ecumenical and Cultural Research
Collegeville, Minnesota 56321
612/363-2011
Executive Director: Robert S. Bilheimer

The Institute is an independent foundation, located at St. John's Abbey and University. It offers selected Fellows of the Institute facilities for research on themes affecting life of all churches including faith in God in scientific and technological society, within the world of "nothing," within the consumer society; and ethics and hunger.

Institute for Theological Encounter with Science and Technology (ITEST)
221 North Grand Blvd.
St. Louis, Missouri 63130
314/535-3300
Director: Robert Brungs, S.J.

A not-for-profit corporation, ITEST's prime goal is serving as "an early warning system" for the Churches, with regard to discoveries in the sciences that will have a significant impact on Christian life. As an interfaith, interdisciplinary organization, ITEST is concerned primarily with the impact that modern science and technology will have on the faith. It is not per se directed to the ethical dimensions, but looks beyond them to the underlying belief systems. Obviously morality cannot be separated from belief, but the major emphasis is on questions of belief. Founded in 1968, ITEST includes members from many countries and disciplines: scientists, theologians, doctors, lawyers, and others.

AREAS OF CONCERN: ITEST is concerned with what is happening in the sciences, why it is happening, and how it will effect belief.

ACTIVITIES: Holds conferences on topics such as death and dying, environmental crisis-international justice, biological revolution-theological impact, population, the citizen and the city, in vitro fertilization, brain research and freedom in a technologized society.

PUBLICATIONS: Proceedings of conferences, newsletter.

Institute on Religion in an Age of Science (IRAS)
1100 East 55th Street
Chicago, Illinois 60615
312/667-3500 ext. 268
Treasurer: Ralph W. Burhoe

IRAS is an independent society of inquirers seeking to formulate dynamic and positive relationships between the concepts developed by science and the goals and hopes of man expressed through religion. It seeks to provide a channel of communication between the religious and scientific communities by maintaining a continuing dialogue regarding problems of ultimate concern to mankind.

ACTIVITIES: Sponsors conferences and meetings on such subjects as the ecosystem, energy and human values, ethics and science.

PUBLICATIONS: Zygon (with Center for Advanced Study in Religion and Science); newsletter.

Ministry of Ecology, Inc.
Box 1251
Berkeley, California 94704
Director: Dennis G. Kuby

The Ministry of Ecology, a non-profit, interfaith religious educational corporation, was formed to synthesize ecology with religion in order to advance human commitment to conservation and reverence for life.

ACTIVITIES: Interfaith nature services in regional parks; promotion and participation in major ethics and environment conferences; assimilation and dissemination of ecologically-oriented information to churches and community centers of influence; research and development of ecological liturgies and programs. Plans also call for the production of a teaching and reference manual which will combine the religious teachings of all faiths with an ecological liturgy; an ecology and religion think tank; and occasional workshops on ecology and ethics.

PUBLICATIONS: Ecology and Religion, a monthly newsletter.

Pope John XXIII Medical-Moral Research and Education Center
1438 South Grand Blvd.
St. Louis, Missouri 63104
314/773-0646
President: Albert S. Moraczewski, O.P.

The purpose of the Center is to identify and study the ethical and moral issues that will face the health care field as a result of advances in science and technology. By applying the teachings and insights of the Roman Catholic Church to such issues, the Center hopes to contribute to a comprehensive updated theology of man.

AREAS OF CONCERN: Research in the theological and scientific areas encompasses topics such as the morality of fetal experimentation, Papal teachings in the area of medical-morals, and genetic diagnosis and counseling.

ACTIVITIES: Review, analysis and summarization of research in progress by scientists, physicians and theologians on long-range medical-moral issues; the identification of, and arrangements for, this type of research; the sponsorship and operation of symposiums, seminars and other educational experiences. Services of the Center are primarily aimed at the development of resource materials for use by Catholic-sponsored health facilities and allied organizations in direct response to long-range medical-moral needs.

PUBLICATIONS: Selected reports.

Center for Integrative Studies
School of Advanced Technology
State University of New York
Binghamton, New York 13901
607/798-2871
Director: John McHale, Ph.D.

The Center is concerned with the long-range social and cultural implications of scientific and technological developments. It seeks to analyze and project the large-scale future consequences of ongoing social, political, economic and technological trends; to function as a "sensing unit" concerned with the effect of such trends on the quality of the human development; and to formulate guidelines for the study and planning of future developments, with emphasis on social and cultural trends. An interdisciplinary approach is stressed.

ACTIVITIES: Research; provides a focus for graduate education and research and to act as an information and communications center; links activities in these areas with that of international centers with whom it exchanges information and in whose activities it participates.

PUBLICATIONS: Working papers and reports derived from ongoing studies.

Earthrise (ER)
Box 120 Annex Station
Providence, Rhode Island 02901
401/274-0011
Co-Directors: Charles Wolf, Russell Kolton, Thomas Carleton

A futures studies organization which evolved from an awareness of the need for global solutions to common problems. In attempting to plan an Earthrise World Model, ER is looking for alternatives to the American success image. Redognizing that futures studies are value laden, they have identified some of the values implicit in their work: to strive to reduce ethnocentrism, racism, and sexism; to seek solutions to social/environmental problems through non-violent non-exploitive means; to insure broad participation in decisions affecting futures; to encourage diversity of views and ideas as the most optimal way of bettering the human condition; to increase awareness of the availability of resource abundance through more efficient utilization, as opposed to present Malthusian scarcity-based thinking.

ACTIVITIES: Research, education, design. Programs include: Futures Lab - a multi-cultural educational enterprise leading to a bachelor's degree, with student involvement in ongoing studies of global/local, social/environmental issues to develop long-range alternatives; Global Futures Games - a world role-playing simulation; Futures Book - a catalogue of work being done in futures throughout the world; Futures Education Kit.

PUBLICATIONS: Newsletter, occasional documents.

Foundation for the Future
One Gateway Center
Box 2001
Newton, Massachusetts 02158
617/965-2001

A non-profit organization which fosters interest in, study of, and involvement with future alternatives, and collects, communicates and preserves information on the future.

ACTIVITIES: Maintains a Future Resource Center housing books, reports, tapes, slides, etc.; operates a lecture bureau; conducts forums and exhibitions.

PUBLICATIONS: Reports, newsletters, a membership directory, futures calendars.

Institute for the Future
2740 Sand Hill Road
Menlo Park, California 94025
415/854-6322
President: Roy Amara

The Institute is an independent research organization dedicated to systematic and comprehensive studies of the long range future. A non-profit organization, its work is supported by business and industrial organizations, government agencies, and private foundations. Its primary aims are to enlarge existing understanding concerning technological, environmental, and societal changes and their long-range consequences; to develop new methodology to carry on such tasks; to make available the results of such research; to serve as an educational and training center for selected persons.

AREAS OF CONCERN: Topics include energy, the social impact of computers, the world food outlook and the developing countries.

ACTIVITIES: Research; workshops and seminars.

PUBLICATIONS: Reports, working papers, newsletter.

World Future Society (WFS)
4916 St. Elmo Avenue (Bethesda)
Washington, D.C. 20014
301/656-8274
President: Edward S. Cornish

WFS is an international organization founded in the belief that individuals and institutions need to be better informed about possible social and technological developments of the coming decades in order to make wise decisions now. Its purpose is to serve as an independent, unbiased forum and clearinghouse for scientific and scholarly forecasts and explorations of the future.

(continued)

World Future Society (continued)

ACTIVITIES: Conducts workshops, educational courses, conventions, and meetings. Sections in areas such as biology/medicine, cities, energy and resources, human affairs, technology, provide opportunities for exchange of ideas and information by producing publications and meeting on specific topics. A Book Service allows members to purchase materials dealing with future-oriented topics. The Employment Service provides contact with future-oriented businesses, universities and government agencies.

PUBLICATIONS: Several periodicals and bulletins (The Futurist, Human Values Today, WFS Bulletin).

LOCAL CHAPTERS sponsor lectures, seminars, tours.

SEE ALSO: Center for the Study of Social Policy, Stanford Research Institute
Worldwatch Institute

Boston Environment, Inc.
14 Beacon Street
Boston, Massachusetts 02108
617/227-2669
Executive Officer: John W. Putman

A non-profit information agency ranging wide over environmental subjects. Their objective is to report on and serve the communities and governing bodies of Massachusetts.

ACTIVITIES: Numerous newspapers and scientific publications are read, and selected items of information useful to decision-makers are made available.

PUBLICATIONS: Three regular bulletins; a weekly Index of Processed Environmental News, a biweekly Package of Selected Clippings, and additional reprints.

Center for Environmental Studies
The Engineering Quadrangle
Princeton University
Princeton, New Jersey 08540
609/452-5445
Director: Irvin Glassman

Created in 1970, the Center has emerged as an important technology-public policy arm of the University. The Center supports the environmental and energy research efforts which have developed in the discipline-oriented departments and complements them with multidisciplinary activities which cannot be contained within the traditional departmental structure.

AREAS OF CONCERN: There are currently seven major areas of interest - air quality, water quality, energy, land use, resources, fire safety and ecology. Present projects are examining energy conservation in residential housing, environmental decision-making, energy requirements for alternative systems of transportation, human values, the plutonium economy.

ACTIVITIES: Research. Sponsors conferences and symposia.

PUBLICATIONS: Members of the core research group publish numerous articles and reports.

Center for International Studies
Room E53-470
Massachusetts Institute of Technology
30 Wadsworth Street
Cambridge, Massachusetts 02139
617/253-3141 or 617/253-5226 (for publications)
Director: Eugene B. Skolnikoff

The Global Interdependence program of the Center for International Studies focuses on two aspects: the nature and problems of international efforts to monitor and regulate global interactions; and the growing recognition that advanced industrial societies face many common or similiar problems and can learn from each other's experience.

Projects of interest include an examination of the nuclear energy industry and the regulatory problems raised by the projected scale of the nuclear energy industry, as well as the economic and technological aspects of this scale of growth and the implications for the international regulatory system; and work on the international environmental monitoring system, which will focus on the social, economic, and political factors that affect the creation and generation of international programs to monitor environmental changes, taking the depletion of the ozone layer as an illustrative case.

Center for the Biology of Natural Systems (CBNS)
Washington University
Box 1126
St. Louis, Missouri 63130
314/863-0100
Director: Barry Commoner

CBNS was established in 1966 as an effort to apply the multidisciplinary resources of the University to the resolution of issues generated by the growing deterioration of the environment. The program is designed to examine the crises generated by the transformation of agricultural and industrial production, seeking to fill gaps in the knowledge needed to understand them.

AREAS OF CONCERN: Included are the vulnerability of United States agriculture to disruption from energy shortages, effects of pesticides, environmental carcinogens in the workplace, energy supply and demand.

ACTIVITIES: Research; participation in community meetings, public hearings, and radio and television broadcasts.

PUBLICATIONS: Reports and articles.

Committee for Environmental Information (CEI)
560 Trinity Avenue
St. Louis, Missouri 63130
314/863-6560

CEI, a local chapter of the Scientists' Information for Public Information, is concerned with providing the public with information on a variety of environmental issues.

ACTIVITIES: Recent projects include preparation of high school and college curriculum units on environmental issues; conferences on water quality, the atmosphere, nuclear power and environmental lead. Testifies at hearings.

PUBLICATIONS: Fact sheets on energy and environmental issues. CEI also has available a list of local organizations and agencies of use to teachers wishing further information or publications in planning projects or units on ecology.

Concern, Inc.
2233 Wisconsin Avenue, N.W.
Washington, D.C. 20007
202/965-0066
President: Margaret S. Mickey

The primary effort of Concern, Inc., is to educate individual citizens to become aware of environmental problems and to encourage intelligent practices in the market place, in the home, and in the community. Formed in 1970 as a non-profit, tax-exempt organization staffed by volunteers, it is funded through foundation and government grants, contributions, and proceeds from sales of publications.

AREAS OF CONCERN: Included are detergents, polyvinyl chloride containers, pesticides, food additives, energy programs, land use.

ACTIVITIES: Seeks to educate through appearances on television and radio programs, attendance at meetings, testifying. Produced a film on drinking water.

PUBLICATIONS: Consumer guides (Eco-tips), environmental calendars, reports.

Ecology Action Educational Institute
1000 North 19th Street
Modesto, California 95350
209/529-3784
Director: Clifford C. Humphrey

The Ecology Action Educational Institute is a non-profit corporation whose purpose is to study and develop the methods for the creation of a balanced relationship between the needs and the aspirations of society and the limitations of man's environment.

ACTIVITIES: Workshops, classes, ecology fairs, preparation of curriculum units, dissemination of information to the general public.

Environment Center (UTEC)
The University of Tennessee
South Stadium Hall
Knoxville, Tennessee 37916
615/974-4251

UTEC serves as a focal point within the University for interdisciplinary energy and environmental programs. It is an intermediary between clients such as federal, state and local government research agencies, citizen groups, industrial firms and University experts and is used to provide technical assistance and information on energy and environmental matters.

AREAS OF CONCERN: UTEC is concerned with a variety of questions related to energy, including the reduction in demand and the development of energy sources. Emphasizing maintenance of environmental quality and efficiency of energy use for minimizing costs, the Center seeks to help clarify the current and projected energy supply and demand situation.

ACTIVITIES: Plans, organizes and participates in workshops, forums, seminars. Conducts research and demonstration projects. There currently are four main projects: Energy-Coal (The Appalachian Resources Project); Resource Management and Conservation Program (Energy Conservation in Industries, Regional Solid Waste Energy and Materials Recovery, Technologies for Special Waste Recovery); Tennessee Energy Conservation in Housing (TECH) and Energy Conservation and Education Information Services, including the Energy/Environment Resource Materials Center (EERMC) which maintains a collection of research reports and other documents on energy, environment and conservation. There is also an expertise referral list composed of persons, firms, organizations or agencies where a particular resource or capability exists, designed to facilitate exchange of information and to pool scarce resources.

PUBLICATIONS: Reports and other materials dealing with energy conservation and environmental education.

Environmental Action
Suite 731
1346 Connecticut Avenue, N.W.
Washington, D.C. 20036
202/833-1845
Coordinator: Peter Harnik

A citizens lobbying group working for the passage of strong environmental legislation and the defeat of congressmen with poor environmental voting records.

AREAS OF CONCERN: Recycling, transportation, toxic substances, noise, air and water pollution.

ACTIVITIES: Research; encourages citizen activity, publishes the "Dirty Dozen" - a list of the 12 congressmen who most consistently oppose strong environmental legislation - and works for their defeat; organizes Earth Day.

PUBLICATIONS: Occasional reports.

Environmental Law Institute (ELI)
Dupont Circle Building, Suite 620
1346 Connecticut Avenue, N.W.
Washington, D.C. 20036
202/452-9600
Director: Frederick R. Anderson

The Environmental Law Institute is a nonprofit national research center involved in law-related environmental research. Its staff includes attorneys, students of public administration, economists, a political scientist and a biophysicist.

AREAS OF CONCERN: Federal environment law; energy policy and energy conservation; legal and institutional impediments to the use of solar energy; role of the courts in making and implementing water policy.

ACTIVITIES: Analysis of the law of environmental protection and natural resources use; design of new institutional arrangements to carry out environmental policy; the improvement of institutional ability to implement existing law; research; environmental law courses; Summer Scholars program for law students.

PUBLICATIONS: Environmental Law Reporter, a monthly publication collecting environmental statutes, regulations and court opinions; books and reports.

Environmental Policy Center
324 C Street, S.E.
Washington, D.C. 20003
202/547-6500
Director: Joe Browder

An environmental lobbying group with specialists working on topics such as nuclear power and alternative energy sources, water resources and land use. A non-partisan, private, non-profit organization.

ACTIVITIES: Testimony at congressional hearings; aids in preparation of amendments; forms specialized coalitions.

Environmental Policy Institute
200 Third Street, S.E.
Washington, D.C. 20003
202/544-8200
President: Joe Browder

The Institute's principal purpose is to conduct non-legislative research and analytical projects with special emphasis on energy, land use and water resource issues.

ACTIVITIES: In addition to work done for the Institute's own projects, it provides support for research, expert testimony, professional papers, technical reviews and other services for citizens' organizations and other agencies. Conducts workshops on hazardous waste management. Has held conferences for consumer, agricultural and environmental groups on the environmental and economic implications of synthetic fuels development.

PUBLICATIONS: Research papers and other publications.

Environmental Study Conference
2456 Rayburn House Office Building
U.S. House of Representatives
Washington, D.C. 20515
202/225-2988
Chairman: Richard L. Ottinger (D-N.Y.) Vice Chairman: Alan Steelman (R-Tex)
Staff Director: Jim Rathlesberger

The Environmental Study Conference is a bi-partisan group comprised of Members of the House interested in environmental issues. The primary objective of the Conference is to inform its members about current environmental issues inside and outside Congress.

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Environmental Study Conference (continued)

AREAS OF CONCERN: Energy, pollution, occupational hazards, transportation.

ACTIVITIES: Sponsors briefings for members and their staffs.

PUBLICATIONS: A weekly bulletin analyzing environmental legislation scheduled for action by the House, upcoming committee action, and significant developments outside Congress; special alerts and fact sheets.

Friends of Can, Inc.
30 East 68th Street
New York, N.Y. 10021
212/879-9736

72 Jane Street
New York, N.Y. 10014

529 Commercial Street
San Francisco, Ca. 94111

The tax-exempt arm of Consumer Action Now (CAN - an environmental/consumer lobbying organization). Its purpose is to educate the public, elected officials, architects and representatives from industry to the possibilities of all forms of solar energy (sun, wind, geothermal, etc.) as safe, non-polluting alternatives to the use of nuclear power.

ACTIVITIES: Encourages formation of citizen organizations to deal with energy policies; seeks to educate through a variety of programs. Currently conducting their first nationwide program - a solar energy educational which includes plans for a traveling solar exhibit, solar films, workshops.

Can (same address as Friends of Can; Director: Lola Redford): lobbies, gives testimony. Goal is to have a contact in each congressional district with whom Can would work when major legislation is pending.

Friends of the Earth (FOE)
620 C Street, S.E.
Washington, D.C.
202/543-4312

FOE is an environmental lobbying group interested in nuclear power, energy, wildlife, air and water pollution, and wilderness and public land use.

ACTIVITIES: Lobbying through testimony and writings; stimulating grass-roots support.

PUBLICATIONS: Periodicals - Not Man Apart, fortnightly; Stockholm Conference ECO, occasional; Earth Law Journal, quarterly. Books.

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Friends of the Earth (continued)

FIELD REPRESENTATIVES are active in New York, San Francisco, Seattle, Kansas City, Fairbanks, Denver, Los Angeles, the Northern Plains states, Paris, the United Kingdom, and Nairobi.

Friends of the Earth Foundation (FEF) is the tax-exempt arm of FOE. FEF does not lobby, but engages in research, writing, and educational activities.

The Institute of Ecology (TIE)
Suite 2600
955 L'Enfant Plaza, S.W.
Washington, D.C. 20024
202/737-0116
Director: John M. Neuhold

TIE has a network of over 100 institutions and the support of the ecological community. With such a foundation, TIE addresses broadly based ecological problems of national concern by bringing the appropriate scientists together and synthesizing their collective thinking. Projects are often undertaken with or for government agencies and private foundations.

ACTIVITIES: Past and present projects include the Urban Ecosystem Study, Water Ecosystems Committee, the Environmental Impact Assessment Project, a study of proposals for a network of experimental ecological reserves, a handbook on ecology, and an internship program. Conducts workshops and conferences.

PUBLICATIONS: Reports, newsletter, scientific and policy reviews of environmental impact statements, a glossary of ecological terms for engineers, resource managers and students.

Natural Resources Defense Council, Inc. (NDRC)

15 West 44th Street	917 15th Street, N.W.	664 Hamilton Avenue
New York, N.Y. 10036	Washington, D.C. 20005	Palo Alto, Ca. 94301
212/869-0150	202/737-5000	415/327-1080

NRDC is a public-interest law firm representing its members and the public interest in environmental issues affecting broad questions of national and international concern.

AREAS OF CONCERN: Logging practices in national forests, plastic beverage bottles, mass transit, control of water and air pollution, energy, plutonium, and radioactive wastes.

ACTIVITIES: Engages in legal action, research.

PUBLICATIONS: Newsletter, reports, position papers, summaries of litigation and copies of briefs and decisions.

Resources for the Future, Inc. (RFF)
1755 Massachusetts Avenue, N.W.
Washington, D.C. 20036
212/462-4400
President: Charles J. Hitch

A private, nonprofit corporation for research and education in the development, conservation and use of natural resources and improvement of the quality of the environment. Established in 1952, RFF consists of resident and visiting scholars.

AREAS OF CONCERN: Fields of interest embrace land, water, mineral and air resources, energy, regional and urban studies. Analysis is done within a societal framework, especially in the fields of economics, political science and management.

ACTIVITIES: Research; support for complementary research by universities and other organizations; testifying upon request at hearings; awards fellowships to graduate students; conducts symposiums, seminars, forums.

PUBLICATIONS: Reports, newsletters, nontechnical paperbacks, a bulletin.

U.S. Congress
Washington, D.C. 20510
Capital Hill Operator: 202/224-3121

HOUSE OF REPRESENTATIVES:
- Committee on Government Operations, Subcommittee on Conservation, Energy and Natural Resources (Moorhead, Pennsylvania)
- Committee on Interior and Insular Affairs, Subcommittee on Energy and the Environment (Udall, Arizona)
- Committee on International Relations, Subcommittee on International Resources, Food and Energy (Diggs, Michigan)
- Committee on Interstate and Foreign Commerce: Subcommittee on Energy and Power (Dingell, Michigan); Subcommittee on Health and the Environment (Rogers, Florida)
- Committee on Small Business, Subcommittee on Energy and Environment (Dingell, Mich.)

SENATE:
- Committee on Finance, Subcommittee on Energy (Gravel, Alaska)
- Committee on Interior and Insular Affairs: Subcommittee on Energy Research and Water Resources (Church, Idaho): Subcommittee on Environment and Land Resources (Haskell, Colorado)
- Committee on Public Works: Subcommittee on Environmental Pollution (Muskie, Maine): Subcommittee on Water Resources (Gravel, Alaska); Panel on Environmental Science and Technology (Culver, Iowa)
- Select Committee on Small Business, Subcommittee on Environmental, Rural and Urban Economic Development (Nunn, Georgia)

JOINT Economic Committee, Subcommittee on Energy (Kennedy, Massachusetts)

SEE ALSO: Center for Law and Social Policy
Ministry of Ecology

Americans for Energy Independence (AEI)
1028 Connecticut Avenue, N.W.
Suite 309A
Washington, D.C. 20036
202/296-2580
President: Cecily Cannan Selby

1500 Wilson Boulevard
Suite 1405
Arlington, Birginia 22209
703/525-6162

AEI is a nonprofit, tax-exempt public education and information organization founded by a concerned group of scientific, professional and business leaders to inform the public, and through public opinion to stimulate policies and actions which will move the U.S. rapidly toward reasonable energy self-sufficiency by the early 1880's. It seeks to serve as a national coordinating forum to help clarify energy policies and as a catalyst to see that those policies are implemented.

AREAS OF CONCERN: AEI is committed to the goal of U.S. energy autonomy through positive public action in three prime areas: energy conservation; near-term emphasis on developing our domestic fuel resources; selective long-term development programs. Major emphasis is placed on the advantages of nuclear energy.

ACTIVITIES: Development of reliable, expert, comprehensive and impartial information on which officials can base their energy decisions, and dissemination of that information. Sponsors conferences; provides testimony at state and national hearings.

LOCAL CHAPTERS are being organized.

Atomic Industrial Forum, Inc. (AIF)
7101 Wisconsin Avenue
Washington, D.C. 20014
301/654-9260
Chairman: John W. Simpson

AIF is an international management association which represents organizations interested in promoting the peaceful uses of nuclear energy. Members work to solve and prevent problems facing the nuclear industry and seek opportunities for the growth of nuclear technology. Major problems are seen to be the need for relieving the financial crisis faced by the utilities and for setting the record straight in response to questions and charges raised by nuclear opponents. Committees deal with a wide range of topics related to nuclear energy.

ACTIVITIES: Disseminates information; sponsors conferences, studies; provides technical, legal and financial advice.

PUBLICATIONS: Reports, newsletters, background information.

American Nuclear Society (ANS)
244 East Ogden Avenue
Hinsdale, Illinois 60521
312/325-1991
Executive Director: Octave J. DuTemple

The main objective of the Society is the advancement of science and engineering as related to the many uses of the atom. ANS strongly supports energy policies that contemplate a major role for nuclear power.

ACTIVITIES: Encourages research; establishes scholarships; disseminates information; holds meetings devoted to scientific and technical papers; cooperates with agencies and organizations that have similar purposes. Programs for dissemination of information include: a Nuclear Energy Hotline Directory for Media, a directory of experts around the country who may be called upon to answer queries from the press and members of the media; a listing of informed scientists who are willing to speak to those concerned with energy problems; radio programs.

PUBLICATIONS: Articles, transactions, proceedings, monographs.

Committee for Nuclear Responsibility, Inc.
P.O. Box 332
Yachats, Oregon 97498
P.O. Box 2329
Dublin, California 94566
Chairman: John W. Gofman

Organized in 1971 to help educate the public and press to the hazards of nuclear power and to alternatives. Supports a moratorium on construction and export of civilian nuclear fission power plants and high priority efforts to improve energy efficiency programs to introduce safe sources of energy.

ACTIVITIES: Original research, analysis. Facilitates contact between interested citizens and additional sources of information, citizen groups and national petition drives.

PUBLICATIONS: Technical reports, educational materials.

Critical Mass
P.O. Box 1538
Washington, D.C. 20013
Director: Ralph Nader

Critical Mass is known as the citizen's movement to stop nuclear power.

ACTIVITIES: Serves as a clearinghouse for information; organizes annual meetings; seeks to stimulate public interest in learning about nuclear power.

PUBLICATION: Critical Mass, a newsletter.

Division of Church and Society
National Council of Churches of Christ (NCC)
475 Riverside Drive
New York, N.Y. 10027
212/870-2252
Director: Dr. Lucius Walker, Jr.

The concern of the Division of Church and Society with the growing use of nuclear energy and plans for the development of plutonium reactors led to the establishment of a Committee of Inquiry: The Plutonium Economy. Based on the report and the statement of concern issued by this committee, the Governing Board recently called for a serious study of the theological, economic, socio-political and technical implications of energy use. Copies of the Background Report and Statement of Concern are available from the NCC.

National Intervenors
332 6th Street, S.E.
Washington, D.C. 20003
202/543-1642
Executive Director: John M. Blatt

An organization devoted to the study of nuclear energy and the environment. Their goal is to provide ideas and information on the issues surrounding nuclear energy and the alternatives to as many people as possible, to provide Congress with the information it needs on nuclear energy, for the purpose of stopping nuclear power plants. National Intervenors is a coalition of over 150 citizens groups.

ACTIVITIES: Attempts to arouse grassroots involvement in changing U.S. energy policy; research; dissemination of information.

PUBLICATIONS: Articles and reprints.

Union of Concerned Scientists (UCS)
1208 Massachusetts Avenue
Cambridge, Massachusetts 02138
617/547-5552

UCS is a coalition of scientists, engineers and other professionals concerned about the impact of advanced technology on society. It is an advocate organization, independent of both industry and government, that speaks freely about controversial issues.

(continued)

Union of Concerned Scientists (continued)

AREAS OF CONCERN: The major project is the examination of the U.S. nuclear power program, including nuclear power plant safety, radioactive waste disposal options, energy policy alternatives. Other interests are the strategic arms race, air and water pollution, unrestricted pesticide use, liquified natural gas transport and storage hazards.

ACTIVITIES: Technical studies; dissemination of information to decision makers, the national and local media, scientists and the general public; assisting public interest groups in their efforts to control the misuse of technology; participating in administrative hearings on behalf of citizens groups.

PUBLICATIONS: Four volumes of technical studies on nuclear power, other reports and pamphlets.

U.S. Congress - Joint Committee on Atomic Energy
Washington, D.C. 20510
Capital Hill Operator: 202/224-3121
Chairman: John O. Pastore, Senator, Rhode Island
Vice Chairman: Melvin Price, Representative, Illinois

Subcommittees on: Agreements for Cooperation, Communities, ERDA Environment and Safety, ERDA Nuclear Energy, Legislation, National Security.

U.S. Energy Research and Development Agency (ERDA)
Washington, D.C. 20545
202/376-4064

U.S. Nuclear Regulatory Commission (NRC)
Washington, D.C. 20555
301/492-7771

ERDA and NRC are the agencies formed to take over the functions of the Atomic Energy Commission (AEC). They were established as independent agencies in order to rid the government's administration of nuclear energy of the apparent conflict of interest between development and regulation which existed under the AEC. ERDA is responsible for research and development of all forms of energy - solar, nuclear, geothermal, fossil fuels. NRC is responsible for licensing and regulating nuclear power plants. ERDA publications include ERDA News, a newsletter; NRC makes available press releases and other documents.

SEE ALSO: American Enterprise Institue for Public Policy Research
Center for Science in the Public Interest
Scientists' Institute for Public Information
listings under Environment: General